L Number	Hits	Search Text	DB	Time stamp
1	4447	((257/79) or (257/80) or (257/81) or	USPAT;	2003/11/03 11:30
		(257/82) or (257/83) or (257/84) or	US-PGPUB	
		(257/85) or (257/86) or (257/86) or		İ
	,	(257/87) or (257/88) or (257/89) or		
		(257/90) or (257/91) or (257/92) or		
		(257/93) or (257/94) or (257/95) or (257/96) or (257/97) or (257/98) or		
		(257/99) or (257/100) or (257/101) or		
		(257/102) or (257/103)).CCLS.		
2	8	(((257/79) or (257/80) or (257/81) or	USPAT;	2003/11/03 11:32
		(257/82) or (257/83) or (257/84) or	US-PGPUB;	
		(257/85) or (257/86) or (257/86) or	EPO; JPO;	
		(257/87) or (257/88) or (257/89) or	DERWENT;	ĺ
		(257/90) or (257/91) or (257/92) or (257/93) or (257/94) or (257/95) or	IBM_TDB	
		(257/96) or (257/97) or (257/98) or		
		(257/99) or (257/100) or (257/101) or		
		(257/102) or (257/103)).CCLS.) and (GaNP		
		GaPN gallium adj phosphide adj nitride)		
		and cubic	***************************************	0000 (10 (00 17 10
-	0	("(GaNP or gallium adj nitride adj phosphide) and light-emitting.ti,ab.").PN.	USPAT; US-PGPUB;	2003/10/23 17:12
		phosphide; and right-emitting.tr,ab.").PN.	EPO; JPO;	
			DERWENT;	]
			IBM TDB	
-	12	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2002/05/31 07:10
		phosphide) and light-emitting.ti,ab.	US-PGPUB;	1
			EPO; JPO;	
			DERWENT; IBM TDB	
_	4	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT;	2002/05/30 16:53
	*	adj nitride adj phosphide) and	US-PGPUB;	2002,00,30 10:03
		light-emitting.ti,ab. and boron adj	EPO; JPO;	
		phosphide near3 buffer	DERWENT;	
			IBM_TDB	0000 (05 (00 15 54
-	4	(GanP or "Gan.sub.1-x.P.sub.x" or gallium	USPAT;	2002/05/30 16:54
		adj nitride adj phosphide) and light-emitting.ti,ab. and (BP or boron adj	US-PGPUB; EPO; JPO;	
		phosphide) near6 buffer	DERWENT;	
			IBM TDB	
-	7	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT;	2002/05/30 16:58
		adj nitride adj phosphide or GaN near6 P	US-PGPUB;	
		or GaN near6 phosphorus or gallium adj	EPO; JPO;	
		nitride near6 (phosphorus or P)) and light-emitting.ti,ab. and (BP or boron adj	DERWENT; IBM TDB	
		phosphide) near6 buffer	1211_122	
	4	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT;	2002/05/30 17:07
		adj nitride adj phosphide or GaN near6 P	US-PGPUB;	
]		or GaN near6 phosphorus or gallium adj	EPO; JPO;	
		nitride near6 (phosphorus or P)) and (257/8\$5.ccls. or 257/9\$5.ccls. or	DERWENT;	
		257/100.ccls. or 257/101.ccls. or	IBM_TDB	
		257/100.ccls. or 257/103.ccls.) and (BP or		
1		boron adj phosphide) near6 buffer		
	4	(GaNP or GaPN or gallium adj phosphide adj	USPAT;	2002/05/30 17:09
1		nitride or "GaN.sub.x.P.sub.1-x" or	US-PGPUB;	
		"GaN.sub.1-x.P.sub.x" or gallium adj	EPO; JPO;	
		nitride adj phosphide or GaN near6 P or GaN near6 phosphorus or gallium adj	DERWENT; IBM TDB	
		nitride near6 (phosphorus or P)) and	100-100	
		(257/8\$5.ccls. or 257/9\$5.ccls. or		
		257/100.ccls. or 257/101.ccls. or		
1	l	257/102.ccls. or 257/103.ccls.) and (BP or		1
Ll		boron adj phosphide) near6 buffer	L	<u> </u>

_	(GaNP or GaPN or gallium adj phosphide adj nitride or "GaN.sub.x.P.sub.l-x" or "GaN.sub.l-x.P.sub.x" or gallium adj nitride adj phosphide or GaN near6 P or GaN near6 phosphorus or gallium adj nitride near6 (phosphorus or P) or GaN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/30 17:10
	near6 (P or phosphorus)) and (257/8\$5.ccls. or 257/9\$5.ccls. or 257/100.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls.) and (BP or boron adj phosphide) near6 buffer		
	(GaNP or GaPN or gallium adj phosphide adj nitride or "GaN.sub.x.P.sub.l-x" or "GaN.sub.l-x.P.sub.x" or gallium adj nitride adj phosphide or GaN near6 P or GaN near6 phosphorus or gallium adj nitride near6 (phosphorus or P) or (gallium adj nitride or GaN) near6 (P or phosphorus)) and (257/8\$5.ccls. or 257/9\$5.ccls. or 257/100.ccls. or 257/101.ccls. or 257/102.ccls. or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/30 17:28
- 34	257/103.ccls.) and (BP or boron adj phosphide) near6 buffer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/30 17:29
- 27	(gallium adj nitride or GaN) near6 (P or phosphorus)) and (257/8\$5.ccls. or 257/9\$5.ccls. or 257/100.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls.)	USPAT; US-PGPUB;	2002/05/30 17:30
	"GaN.sub.1-x.P.sub.x" or gallium adj nitride adj phosphide or GaN near6 P or GaN near6 phosphorus or gallium adj nitride near6 (phosphorus or P) or (gallium adj nitride or GaN) near6 (P or phosphorus)) and (257/8\$5.ccls. or 257/9\$5.ccls. or 257/100.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls.) and buffer	EPO; JPO; DERWENT; IBM_TDB	
	(GaNP or GaPN or gallium adj phosphide adj nitride or "GaN.sub.x.P.sub.1-x" or "GaN.sub.1-x.P.sub.x" or gallium adj nitride adj phosphide or GaN near6 P or GaN near6 phosphorus or gallium adj nitride near6 (phosphorus or P) or (gallium adj nitride or GaN) near6 (P or phosphorus) and (257/8\$5.ccls. or 257/9\$5.ccls. or 257/100.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls.) and buffer near12 (boron adj phosphide or bp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/30 17:34
48		USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/30 17:35
43	(257/80).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/30 17:35
- 360	(257/81).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/30 17:35

	014	(057/00) CCT0	Luanam	T0000 (05 (00 17 05)
_	814	(257/82).CCLS.	USPAT; US-PGPUB;	2002/05/30 17:35
	İ		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	106	(257/83).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	380	(257/84).CCLS.	USPĀT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	205	(257/85).CCLS.	IBM_TDB USPAT;	2002/05/30 17:35
_	203	(237/83).CCDS.	US-PGPUB;	2002/05/30 17:35
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1
-	229	(257/86).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	56	(257/87).CCLS.	USPAT;	2002/05/30 17:35
		,	US-PGPUB;	
			EPO; JPO;	Į.
			DERWENT;	
	100	.055/00)	IBM_TDB	
-	488	(257/88).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB; EPO; JPO;	
			DERWENT;	į į
			IBM TDB	
-	175	(257/89).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
_	83	(257/90).CCLS.	IBM_TDB USPAT;	2002/05/30 17:36
		(2377 307 : 6613 :	US-PGPUB;	2002/03/30 17.30
			EPO; JPO;	1
			DERWENT;	
			IBM_TDB	
-	147	(257/91).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	49	(257/92).CCLS.	USPĀT;	2002/05/30 17:36
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
_	146	(257/93).CCLS.	IBM_TDB USPAT;	2002/05/30 17:36
	140	12077707.0000.	US-PGPUB;	2002/03/30 17:30
	]		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	685	(257/94).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB; EPO; JPO;	
			EPO; JPO; DERWENT;	
	j 1		IBM TDB	
-	239	(257/95).CCLS.	USPĀT;	2002/05/30 17:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	l		IBM TDB	

			Lionam	1 2002 (05 (20 17.26)
) -	445	(257/96).CCLS.	USPAT; US-PGPUB;	2002/05/30 17:36
	i		EPO; JPO;	
1	l		DERWENT;	
	i		IBM TDB	
_	327	(257/97).CCLS.	USPĀT;	2002/05/30 17:36
1		( ,	US-PGPUB;	
			EPO; JPO;	
	ŀ		DERWENT;	
			IBM_TDB	0000/05/00 17 06
-	1241	(257/98).CCLS.	USPAT; US-PGPUB;	2002/05/30 17:36
	l 		EPO; JPO;	
	i		DERWENT;	1
			IBM TDB	
-	1351	(257/99).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		40.5-4.00	IBM_TDB	2002/05/20 17 26
-	318	(257/100).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB; EPO; JPO;	
	}		DERWENT;	1
			IBM TDB	
_	278	(257/101).CCLS.	USPAT;	2002/05/30 17:36
	Ì		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	308	(257/102).ccLs.	IBM_TDB USPAT;	2002/05/30 17:36
-	308	(257/102).CCL3.	US-PGPUB;	2002/03/30 17:30
	i		EPO; JPO;	1
			DERWENT;	
	Į		IBM_TDB	(
-	967	(257/103).CCLS.	USPAT;	2002/05/30 17:37
1			US-PGPUB;	1
}	}		EPO; JPO;	
			DERWENT;	1
_	0	("L13 or L14 or L15 or L16 or L17 or L18	IBM_TDB USPAT;	2002/05/30 17:38
] _		or L19 Or L20 or L21 or L22 or L23 or L24	US-PGPUB;	2002/03/30 17:30
		or L25 or L26 or L27 or L28 or L29 or L30	EPO; JPO;	
		or L31 or L32 or L33 or L34 or L35 or L36	DERWENT;	
		or L37").PN.	IBM_TDB	
-	6890	((257/79).CCLs.) or ((257/80).CCLs.) or	USPAT;	2002/05/30 17:40
		((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	
		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
1		((257/85).CCLS.) or ((257/86).CCLS.) or ((257/87).CCLS.) or ((257/88).CCLS.) or	DERWENT; IBM TDB	
		((257/89).CCLS.) or ((257/90).CCLS.) or	100-100	
		((257/91).ccls.) or ((257/92).ccls.) or		
	·	((257/93).CCLS.) or ((257/94).CCLS.) or		
		((257/95).CCLS.) or ((257/96).CCLS.) or		
1	ļ	((257/97).CCLs.) or ((257/98).CCLs.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or		
	<b>]</b> i	((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.)		
]_	ا 0	(((257/103).CCLS.) ((((257/79).CCLS.) or ((257/80).CCLS.) or	USPAT;	2002/05/30 17:41
1		((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	2302,00,00 17.41
-		((257/83).CCLs.) or ((257/84).CCLs.) or	EPO; JPO;	
		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	1
1		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM_TDB	
İ	)	((257/89).CCLS.) or ((257/90).CCLS.) or		
]	]	((257/91).CCLS.) or ((257/92).CCLS.) or		
1	!	((257/93).CCLS.) or ((257/94).CCLS.) or ((257/95).CCLS.) or ((257/96).CCLS.) or		ļ
	ĺ	((257/93).CCLS.) or ((257/98).CCLS.) or	1	
1	Ī	((257/99).CCLS.) or ((257/100).CCLS.) or		
1		((23//33/.CCE3.) Of ((23//100/.CCE3.) Of		
		((257/101).CCLS.) or ((257/102).CCLS.) or	1	

	1	1777057 (20) 2222	T	T 0000 (05 (00 13 40
-	13	(((257/79).CCLS.) or ((257/80).CCLS.) or	USPAT;	2002/05/30 17:43
		((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	
		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM_TDB	
	ļ	((257/89).CCLS.) or ((257/90).CCLS.) or		
		((257/91).CCLS.) or ((257/92).CCLS.) or ((257/93).CCLS.) or ((257/94).CCLS.) or		
		((257/95).CCLS.) or ((257/96).CCLS.) or		
		((257/95).CCLS.) or ((257/98).CCLS.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or		
		((257/101).CCLS.) or ((257/102).CCLS.) or		
	1	((257/101).CCLS.)) and (ganp or (gan or		
		gallium adj nitride) near12 phosphorus)		
_	2	(((257/79).CCLS.) or ((257/80).CCLS.) or	USPAT;	2002/05/30 17:44
	-	((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	2002/03/30 1/:44
		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM_TDB	
		((257/89).CCLS.) or ((257/90).CCLS.) or		
	ļ	((257/91).CCLS.) or ((257/92).CCLS.) or		
		((257/93).CCLS.) or ((257/94).CCLS.) or		
1		((257/95).CCLS.) or ((257/96).CCLS.) or		
		((257/97).CCLS.) or ((257/98).CCLS.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or		
		((257/101).CCLS.) or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and buffer nearl2 (bp		
ļ	l	or boron adj phosphide) and (ganp or (gan		
		or gallium adj nitride) near12 phosphorus)		
-	13		USPAT;	2002/05/30 17:47
		((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	
		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
i .		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM TDB	
[		((257/89).CCLS.) or ((257/90).CCLS.) or	_	
		((257/91).CCLS.) or ((257/92).CCLS.) or		
		((257/93).CCLS.) or ((257/94).CCLS.) or		
		((257/95).CCLS.) or ((257/96).CCLS.) or		
		((257/97).CCLS.) or ((257/98).CCLS.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or		
		((257/101).CCLS.) or ((257/102).CCLS.) or		
{		((257/103).CCLS.)) and (ganp or (gan or		
	]	gallium adj nitride) near12 phosphorus)		
-	4	(((257/79).CCLs.) or ((257/80).CCLs.) or	USPAT;	2002/05/30 17:53
		((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	
]		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	Į i
		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM_TDB	
Į l		((257/89).CCLS.) or ((257/90).CCLS.) or		
[		((257/91).CCLS.) or ((257/92).CCLS.) or		
		((257/93).CCLS.) or ((257/94).CCLS.) or		
		((257/95).CCLS.) or ((257/96).CCLS.) or		
	İ	((257/97).CCLS.) or ((257/98).CCLS.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or		
		((257/101).CCLS.) or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and (gan or gallium adj		
j i	1	nitride) and ((bp or boron adj phosphide)		1
		nearl2 buffer)		
-	0	jp-410242514\$-\$.did.	USPAT;	2002/05/30 17:54
			US-PGPUB;	1
			EPO; JPO;	
	İ		DERWENT;	
	_		IBM_TDB	1
-	2	jp-10242514\$-\$.did.	USPAT;	2002/05/30 17:56
			US-PGPUB;	
			EPO; JPO;	]
			DERWENT;	
l l			IBM TDB	

			·	0000 (05 (00 00 50
	2	jp-10242567\$-\$.did.	USPAT;	2002/05/30 17:59
	ļ		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	Į Į
]			IBM_TDB	
_	2	jp-10242569\$-\$.did.	USPAT;	2002/05/30 18:09
			US-PGPUB;	
			EPO; JPO;	
i	i		DERWENT;	
			IBM TDB	i
\ _	2	6316793.pn.	USPAT;	2002/05/30 18:10
	_	0310733.p	US-PGPUB;	
1			EPO; JPO;	1
			DERWENT;	
			IBM TDB	
	2	6064092 pp	USPAT;	2002/05/30 18:11
-		6064082.pn.	US-PGPUB;	2002/03/30 10:11
į l			EPO; JPO;	
	-		DERWENT;	
			IBM_TDB	
-	2	5929467.pn.	USPAT;	2002/05/30 18:11
			US-PGPUB;	
			EPO; JPO;	
[			DERWENT;	
			IBM_TDB	
-	2	jp-10066769\$-\$.did.	USPĀT;	2002/05/30 20:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	0	jp-410066769\$-\$.did.	JPO_	2002/05/30 20:05
_	1	jp-10066769\$-\$.did.	JPO	2002/05/30 20:06
_	1	jp-11036830\$-\$.did.	JPO	2002/05/30 20:06
_	_		JPO	2002/05/30 20:06
-	0	jp-411036830\$-\$.did.	JPO	2002/05/30 20:13
-	0	terashima.in. and buffer		2002/05/30 20:13
-	1	light-emitting.ti,ab. and ((bp or boron	JPO	2002/03/30 20:14
		adj phosphide) near10 buffer) and gallium		
		adj nitride.ti,ab.		0000/05/00 00 14
-	1	light-emitting.ti,ab. and ((bp or boron	JPO	2002/05/30 20:14
		adj phosphide) nearl0 buffer) and gallium		
		adj nitride	İ	
-	3		JPO	2002/05/30 20:15
	ŀ	emitting).ti,ab. and ((bp or boron adj		ļ
]		phosphide) near10 buffer) and gallium adj		
		nitride		į į
_	4		USPAT;	2002/05/31 07:13
		or AlGaNP or aluminum adj gallium adj	US-PGPUB;	
		nitride adj phosphide or	EPO; JPO;	1
		"GaN.sub.lix.P.subx") and	DERWENT;	
		light-emitting.ti,ab. and buffer near10	IBM TDB	
		(bp or boron adj phosphide)		]
	4	(GaNP or gallium adj nitride adj phosphide	USPAT;	2002/05/31 07:15
-	4	or Algane or aluminum adj gallium adj	US-PGPUB;	2002,00,01
	1		l .	1
		nitride adj phosphide or	EPO; JPO;	
	ļ	"GaN.sub.l-x.P.sub.x") and	DERWENT;	j l
		light-emitting.ti,ab. and (bp or boron adj	IBM_TDB	[
	_	phosphide)		2002/05/21 27 12
-	8	((GaN or gallium adj nitride or AlGaN or	USPAT;	2002/05/31 07:19
		aluminum adj gallium adj nitride) near6 (P	US-PGPUB;	
		or phosphide)) and light-emitting.ti,ab.	EPO; JPO;	
		and (bp or boron adj phosphide)	DERWENT;	
	]		IBM_TDB	
-	7	((GaN or gallium adj nitride or AlGaN or	USPĀT;	2002/05/31 07:58
		aluminum adj gallium adj nitride) near6 (P	US-PGPUB;	
		or phosphide)) and light-emitting.ti,ab.	EPO; JPO;	į l
		and ((bp or boron adj phosphide) near10	DERWENT;	
		buffer)	IBM TDB	
	L	<u> </u>	<del></del>	

-	4	((GaN or gallium adj nitride or AlGaN or	USPAT;	2002/05/31 08:01
		aluminum adj gallium adj nitride) near6 (Por phosphide)) and light-emitting.ti,ab.	US-PGPUB; EPO; JPO;	
		and ((bp or boron adj phosphide) near10	DERWENT;	
		buffer) and ((mono-crystal or single adj	IBM_TDB	
		crystal) near6 substrate)	_	
-	8		USPAT;	2002/05/31 08:01
		adj phosphide) near10 buffer) and	US-PGPUB;	
		((mono-crystal or single adj crystal) near6 substrate)	EPO; JPO; DERWENT;	1
		near substract,	IBM TDB	
-	325	light-emitting.ti,ab. and ((mono-crystal	USPĀT;	2002/05/31 08:15
		or single adj crystal) near6 substrate)	US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
_	184	light-emitting.ti,ab. and ((mono-crystal	IBM_TDB USPAT;	2002/05/31 08:16
	101	or single adj crystal) adj substrate)	US-PGPUB;	2002,03,31 00.10
			EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	0000/05/01 00 17
	14	light-emitting.ti,ab. and ((mono-crystal or single adj crystal) adj substrate) and	USPAT; US-PGPUB;	2002/05/31 08:17
1	1	Gan.ti,ab.	EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
] -	351	buffer adj layer near3 amorphous	USPAT;	2002/05/31 08:43
			US-PGPUB; EPO; JPO;	
	}		DERWENT;	
1			IBM TDB	
[ -	4	(bp or boron adj phosphorus) near6 buffer	USPĀT;	2002/05/31 08:44
İ	1	adj layer near3 amorphous	US-PGPUB;	i i
			EPO; JPO;	
1	1		DERWENT; IBM TDB	
_	38	amorphous adj buffer adj layer	USPAT;	2002/05/31 10:42
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	US-PGPUB;	
	l		EPO; JPO;	
			DERWENT;	
_	3	amorphous adj buffer adj layer and (single	IBM_TDB USPAT;	2002/05/31 11:23
	Ĭ	adj crystal or single-crystal) adj buffer	US-PGPUB;	2002/03/31 11:23
1	ļ	adj layer	EPO; JPO;	
	1		DERWENT;	
_	64	  single adj (heterojunction or	IBM_TDB USPAT;	2002/05/31 11:26
-	04	single adj (neterojunction of   hetero-junction) and (double adj	USPAI; US-PGPUB;	2002/03/31 11:20
		heterojunction or hetero-junction) and	EPO; JPO;	
	1	257/\$6.ccls.	DERWENT;	
	50	( take a langer of the bound of the	IBM_TDB	2002/05/21 12:20
_	58	(single adj (heterojunction or hetero-junction)) and (double adj	USPAT; US-PGPUB;	2002/05/31 12:36
1		(heterojunction or hetero-junction)) and	EPO; JPO;	
	Į	257/\$6.ccls.	DERWENT;	
1			IBM_TDB	
-	2	("6150672").PN.	USPAT;	2002/05/31 11:47
1			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	4	(single adj (heterojunction or	USPĀT;	2002/05/31 13:07
		hetero-junction)).ti,ab. and (double adj	US-PGPUB;	
		(heterojunction or hetero-junction)) and 257/\$6.ccls.	EPO; JPO; DERWENT;	
		23//40,0013.	IBM TDB	
-	2	("6150672").PN.	USPAT;	2002/05/31 13:41
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
1	L	L.,	Trou_ing	l

-	1	(lattice near6 (match\$3 or mismatch\$3))	USPAT;	2002/05/31 15:47
	1	near12 (boron adj phosphide or BP or BPN	US-PGPUB;	
		or "BP.sub.1-x.N.sub.x") near12 (GaN or	EPO; JPO;	1
1		gallium adj nitride)	DERWENT;	
		garriam aaj mrerraaj	IBM TDB	
	1	/lattice peace (match(2) an mismatch(2))		2002/05/21 12:44
] -	1	(lattice near6 (match\$3 or mismatch\$3))	USPAT;	2002/05/31 13:44
	1	near12 (boron adj phosphide or BP or BPN	US-PGPUB;	ì
	1	or "BP.sub.1-x.N.sub.x") near12 (GaN or	EPO; JPO;	
		gallium adj nitride or AlGaN or aluminum	DERWENT;	
		adj gallium adj nitride)	IBM TDB	
-	29		USPAT;	2002/05/31 14:11
		buffer) near12 (N or nitrogen)	US-PGPUB;	5002, 00, 01 11111
1		Buller, meariz (it of microgen)		
			EPO; JPO;	
Ì	Ì		DERWENT;	1
1			IBM_TDB	
-	1	(lattice near6 (match\$3 or mismatch\$3))	USPAT;	2002/05/31 15:59
		near12 (boron adj phosphide or BP or BPN	US-PGPUB;	
		or "BP.sub.1-x.N.sub.x") near12 (GaN or	EPO; JPO;	
		gallium adj nitride or gallium adj nitride	DERWENT;	
			· ·	!
		adj phosphide or GaNP)	IBM_TDB	
-	1	(lattice near6 (match\$3 or mismatch\$3) or	USPAT;	2002/05/31 16:16
		lattice-match\$3 or lattice-mismatch\$3)	US-PGPUB;	i
		near12 (boron adj phosphide or BP or BPN	EPO; JPO;	
		or "BP.sub.1-x.N.sub.x") near12 (GaN or	DERWENT;	
		gallium adj nitride or gallium adj nitride	· ·	1
			IBM_TDB	
		adj phosphide or GaNP)		
-	1	( terror transfer of medical of the control of the	USPAT;	2002/05/31 16:33
[	ļ	lattice-match\$3 or lattice-mismatch\$3)	US-PGPUB;	Į.
1		near12 (boron adj phosphide or BP or BPN	EPO; JPO;	
		or "BP.sub.1-x.N.sub.x" or BNP or	DERWENT;	I
	1			1
	1	"BN.sub.1-x.P.sub.x") near12 (GaN or	IBM_TDB	
		gallium adj nitride or gallium adj nitride		
	ļ	adj phosphide or GaNP)		
~	66	(boron adj phosphide or BP or BPN or	USPAT;	2002/05/31 17:58
		"BP.sub.1-x.N.sub.x" or BNP or	US-PGPUB;	
	1	"BN.sub.1-x.P.sub.x") near12 (GaN or	EPO; JPO;	
		gallium adj nitride or gallium adj nitride	DERWENT;	1
		adj phosphide or GaNP)	IBM_TDB	l
-	0	"10-066769"	JPO	2002/05/31 17:59
-	1	jp-10066769\$-\$.did.	JPO	2002/05/31 18:00
-	1	jp-10180921\$-\$.did.	JPO	2002/05/31 18:01
- 1	0	jp-410180921\$-\$.did.	JPO	2002/05/31 18:01
]	Ò	terashima.in. and semiconductor	JPO	2002/05/31 18:12
1_	2	terashima.in. and "1998"	JPO	2002/05/31 18:14
_	1			1
-		jp-10066769\$-\$.did.	JPO	2002/05/31 18:15
-	1	jp-10180921\$-\$.did.	JPO	2002/05/31 18:16
	1	jp-10193125\$-\$.did.	JPO	2002/05/31 18:17
	1	jp-10232279\$-\$.did.	JPO	2002/05/31 18:17
-	1	jp-11036830\$-\$.did.	JPO	2002/05/31 18:18
_	2301	udagawa.in.	JPO	2002/05/31 18:18
	35			
			JPO	2002/05/31 18:18
<sup>-</sup>	3	udagawa.in. and light-emitting and (BP or	JPO	2002/05/31 18:22
		boron adj phosphide)		
-	0	terashima.in. and light-emitting and (BP	JPO	2002/05/31 18:23
		or boron adj phosphide)	·	
_	0	nishimura.in. and light-emitting and (BP	JPO	2002/05/31 18:23
	l		350	2002/03/31 10:23
	_	or boron adj phosphide)		
-	0	tsuzaki.in. and light-emitting and (BP or	JPO	2002/05/31 18:23
		boron adj phosphide)		
-	11550	boron adj phosphide or bp	DERWENT	2002/05/31 18:25
_	245	(boron adj phosphide or bp) and buffer	DERWENT	2002/05/31 18:25
	15	(boron adj phosphide or bp) and buffer adj		
	13		DERWENT	2002/05/31 18:25
		layer		
-	62	udagawa.in. and light-emitting	USPAT;	2002/06/01 10:52
			US-PGPUB;	
	ĺ		EPO; JPO;	İ
[			DERWENT;	
]			IBM TDB	
			TOU LUD	

-	1076	udagawa.in. and light-emitting and buffer	USPAT;	2002/06/01 10:56
!		near6 BP or BNP or BPN or	US-PGPUB;	
	1	"BN.sub.1-x.P.sub.x" or	EPO; JPO;	Ì
		"BP.sub.x.N.sub.1-x" or "BN.sub.x.P.sub.1-x" or	DERWENT; IBM TDB	
	1	"BP.sub.1-x.N.sub.x" or ((BP or boron adj	TDM_IDD	
		phosphide) near3 nitrogen)		
_	8		USPAT;	2002/06/01 11:22
		near6 (BP or BNP or BPN or	US-PGPUB;	
	İ	"BN.sub.1-x.P.sub.x" or	EPO; JPO;	
		"BP.sub.x.N.sub.1-x" or	DERWENT;	
		"BN.sub.x.P.sub.1-x" or	IBM TDB	
		"BP.sub.1-x.N.sub.x" or ((BP or boron adj	i -	
	j	phosphide) near3 nitrogen)))		
-	2		USPAT;	2002/06/01 13:29
		(buffer near6 (BP or BNP or BPN or	US-PGPUB;	
		"BN.sub.1-x.P.sub.x" or	EPO; JPO;	
		"BP.sub.x.N.sub.1-x" or	DERWENT;	i
		"BN.sub.x.P.sub.1-x" or	IBM_TDB	
		"BP.sub.1-x.N.sub.x" or ((BP or boron adj		
_	9	phosphide) near3 nitrogen)))	HCDAM.	2002/06/01 12:25
-		light-emitting.ti,ab. and (buffer near6 (BP or BN or BNP or BPN or	USPAT;	2002/06/01 13:35
	1	BN.sub.l-x.P.sub.x" or	US-PGPUB;	
		"BP.sub.x.N.sub.1-x" or	EPO; JPO; DERWENT;	
		"BN.sub.x.P.sub.1-x" or	IBM TDB	
		"BP.sub.1-x.N.sub.x"))	1207-100	
_	0	(lattice adj match\$3 or mismatch\$3) and	USPAT;	2002/06/01 13:39
		(((BN or boron adj nitride) near3 buffer)	US-PGPUB;	2552,55,51 15.55
		near10 (phosporus or P)) and (GaN or	EPO; JPO;	
		gallium adj nitride)	DERWENT;	
			IBM TDB	
-	0	(lattice adj match\$3 or mismatch\$3) and	USPĀT;	2002/06/01 13:39
		(((BN or boron adj nitride) near6 buffer)	US-PGPUB;	
	1	near10 (phosporus or P))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	(========, (==========================	USPAT;	2002/06/01 13:40
1		(((BN or boron adj nitride) near6 buffer)	US-PGPUB;	
		near10 (phosporus or P))	EPO; JPO;	
			DERWENT;	
1		(1244 22 24 (22 24 25 25 25 25 25 25 25 25 25 25 25 25 25	IBM_TDB	2002/06/01 12 41
-		(lattice adj (match\$3 or mismatch\$3)) and (((BN or BNP or BPN or boron adj nitride)	USPAT; US-PGPUB;	2002/06/01 13:41
ľ		near6 buffer) near10 (phosporus or P))	EPO; JPO;	
i		nearo burrer, nearro (phosporus or F))	DERWENT;	
1	1		IBM TDB	}
l -	0	(lattice near6 (match\$3 or mismatch\$3))	USPAT;	2002/06/01 13:42
1		and (((BN or BNP or BPN or boron adj	US-PGPUB;	
}		nitride) near6 buffer) near10 (phosporus	EPO; JPO;	
1		or P))	DERWENT;	
			IBM_TDB	
-	672		USPĀT;	2002/06/01 13:43
[		phosphide or BP or BNP) near6 buffer	US-PGPUB;	
j	]		EPO; JPO;	
	!		DERWENT;	l
			IBM_TDB	
-	99	(boron adj nitride or BN or boron adj	USPAT;	2002/06/01 14:48
		phosphide or BP or BNP) near6 buffer and	US-PGPUB;	
į	į l	(GaN or gallium nitride)	EPO; JPO;	
	[		DERWENT;	
		(homen add nitride as DV as DVD)	IBM_TDB	2002/06/01 11 52
-	54	(boron adj nitride or BN or BNP) near6	USPAT;	2002/06/01 14:50
	)	buffer and (GaN or gallium nitride)	US-PGPUB;	
			EPO; JPO;	
İ	j í		DERWENT; IBM TDB	
_	16	(boron adj nitride or BN or BNP) near6	USPAT;	2002/06/01 14:52
ĺ		buffer and (GaN or gallium nitride) and	US-PGPUB;	2002/00/01 14.02
		(lattice-mismatch or lattice-match\$3 or	EPO; JPO;	
ļ f		(lattice near3 (match\$3 or mismatch\$3)))	DERWENT;	
			IBM TDB	
				·

-	15	(boron adj nitride or BN or BNP) near6	USPAT; US-PGPUB;	2002/06/01 15:39
		buffer and (GaN or gallium nitride) near12   (lattice-mismatch or lattice-match\$3 or	EPO; JPO;	
	1	(lattice near3 (match\$3 or mismatch\$3)))	DERWENT;	
		(10000000000000000000000000000000000000	IBM TDB	
-	0	f age and the first the fi	USPĀT;	2002/06/01 15:40
		light-emitting.ti,ab. and phosporus	US-PGPUB;	
	i		EPO; JPO;	
	ļ		DERWENT;	
		to an an analysis of the second secon	IBM_TDB	2002/06/01 15:42
-	7	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium adj nitride adj phosphide) and	USPAT; US-PGPUB;	2002/06/01 15:42
		light-emitting.ti,ab. and (phosporus or P)	EPO; JPO;	
	1	light emitting.ti, ab. and (phospoids of 1)	DERWENT;	
			IBM TDB	
-	0	(GaNP or "GaN.sub.l-x.P.sub.x" or gallium	USPĀT;	2002/06/01 15:43
İ		adj nitride adj phosphide) and	US-PGPUB;	
	1	light-emitting.ti,ab. and phosporus	EPO; JPO;	
			DERWENT;	
		(CAND and (CAN and 1 or D and and an addition	IBM_TDB	2002/06/01 17:21
-	2	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium adj nitride adj phosphide) and	USPAT; US-PGPUB;	2002/06/01 17:21
		light-emitting.ti,ab. and phosphorus	EPO; JPO;	
ļ		i i i i i i i i i i i i i i i i i i i	DERWENT;	
			IBM TDB	
-	2	lamp.ti,ab. and light-emitting.ti,ab. and	USPAT;	2002/06/01 17:23
		semiconductor.ti,ab. and group adj "III-V"	US-PGPUB;	
			EPO; JPO;	
	ļ		DERWENT;	
			IBM_TDB	2002/06/01 17:21
-	6	=	USPAT;	2002/06/01 17:31
1		semiconductor.ti,ab. and GaN	US-PGPUB; EPO; JPO;	
			DERWENT;	
į			IBM TDB	
_	8	lamp.ti,ab. and light-emitting.ti,ab. and	USPAT;	2002/06/01 17:31
		GaN	US-PGPUB;	İ
,			EPO; JPO;	ļ
			DERWENT;	
			IBM_TDB	2000/06/01 10:57
-	3	lamp.ti,ab. and light-emitting.ti,ab. and	USPAT;	2002/06/01 18:57
		GaN and mount\$3	US-PGPUB; EPO; JPO;	
1			DERWENT;	
			IBM TDB	
-	4	(("5042043") or ("6372356") or ("5612551")	USPĀT	2002/06/01 19:01
		or ("5326424")).PN.		
~	7496		USPAT;	2002/06/01 19:23
		(257/94) or (257/102) or (257/103) or	US-PGPUB;	
		(372/43)).CCLS.	EPO; JPO;	
			DERWENT; IBM TDB	
_	3	(((257/79) or (257/85) or (257/86) or	USPAT;	2002/06/01 19:28
		((257/94) or (257/102) or (257/103) or	US-PGPUB;	2002,00,01 +5.20
		(372/43)).CCLS.) and (gallium adj nitride	EPO; JPO;	
1		or gallium adj phosphide or GaN or GaP or	DERWENT;	
		"GaN.sub.l-x.P.sub.x" or	IBM_TDB	
1		"GaN.sub.x.P.sub.1-x") and buffer near4	_	
		(BN or BP or BNP or BPN or		
		"BN.sub.x.P.l-x" or "BN.sub.1-x.P.sub.x"		
		or boron adj nitride or boron adj		
		phosphide) and (lattice nearl2 (match\$3 or mismatch\$3) or lattice-match\$3 or		
		lattice-mismatch\$3)	ļ	
_	2	("5042043").PN.	USPAT;	2002/11/10 14:02
		,, ,	US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	

			L 2000/12/10 11 00
21	US-6069021-\$ or US-6316793-\$ or US-6150672-\$ or US-5612551-\$ or US-5929467-\$ or US-5042043-\$ or US-6194744-\$ or US-6064082-\$).did. or (US-20020038892-\$ or US-20020030246-\$ or US-2002000563-\$).did. or (JP-11045892-\$ or JP-10242567-\$ or JP-10242514-\$ or JP-10242569-\$).did. or (JP-2000332294-\$ or JP-10242569-\$).did. or (JP-2000332294-\$ or JP-10242569-\$).did.	USPAT; US-PGPUB; JPO; DERWENT	2002/11/10 14:08
13	EP-395392-\$).did.  ((US-6392257-\$ or US-5326424-\$ or US-6069021-\$ or US-6316793-\$ or US-6150672-\$ or US-5612551-\$ or US-5929467-\$ or US-5042043-\$ or US-6194744-\$ or US-6064082-\$).did. or (US-20020038892-\$ or US-20020030246-\$ or US-20020000563-\$).did. or (JP-11045892-\$ or JP-10242567-\$ or JP-10242514-\$ or JP-10242569-\$).did. or (JP-2000332294-\$ or JP-10242569-\$).did. or (JP-2000332294-\$ or JP-10242569-\$).did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/10 14:09
13	JP-2000004046-\$ or JP-2000188260-\$ or EP-395392-\$).did.) and (amorphous or crytalline or crystal) near12 (boron adj phosphide or bp or buffer or current-blocking or current adj blocking) ((US-6392257-\$ or US-5326424-\$ or US-6069021-\$ or US-6316793-\$ or US-6150672-\$ or US-5612551-\$ or US-5929467-\$ or US-5042043-\$ or US-6194744-\$ or US-6064082-\$).did. or (US-20020038892-\$ or US-20020030246-\$ or US-20020000563-\$).did. or (JP-11045892-\$ or JP-10242567-\$ or JP-10242514-\$ or JP-10242569-\$).did. or (JP-2000332294-\$ or JP-2000004046-\$ or JP-2000188260-\$ or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/10 15:47
212	EP-395392-\$).did.) and (amorphous or crystalline or crystal) near12 (boron adj phosphide or bp or buffer or current-blocking or current adj blocking) oh.in. and won.in.	USPAT; US-PGPUB;	2002/11/10 15:48
18	oh.in. and won.in. and buffer	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/10 15:48
4	oh.in. and won.in. and buffer and nitride	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/10 16:37
2	("6069021").PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/10 16:37
2	("5042043").PN.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/04/15 17:45
344	mixed adj crystal near12 (single-crystal or single adj crystal or monocrystal)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/15 17:46
	13 212 18 4 2	US-6069021-\$ or US-5612551-\$ or US-5929467-\$ or US-5042043-\$ or US-5929467-\$ or US-5042043-\$ or US-6194744-\$ or US-6064082-\$).did. or (US-20020003683-\$).did. or (UF-11045892-\$ or US-200200030246-\$ or US-20020000563-\$).did. or (JF-11045892-\$ or JF-10242569-\$).did. or (JF-2000332294-\$ or JF-2000004046-\$ or JF-2000108260-\$ or US-6069021-\$ or US-6316793-\$ or US-669021-\$ or US-5326424-\$ or US-669021-\$ or US-5612551-\$ or US-6150672-\$ or US-5612551-\$ or US-6194744-\$ or US-6064082-\$).did. or (US-2002003892-\$ or US-20020030246-\$ or US-6194744-\$ or US-6064082-\$).did. or (US-2002000563-\$).did. or (JF-10045892-\$ or JF-10242569-\$).did. or (JF-2000332294-\$ or JF-10242569-\$).did. or (JF-2000332294-\$ or JF-2000004046-\$ or JF-2000108260-\$ or US-395392-\$).did. or (JF-2000332294-\$ or JF-200004046-\$ or JF-2000332294-\$ or JF-200004046-\$ or JF-2000332294-\$ or US-6392257-\$ or US-5326424-\$ or US-6392257-\$ or US-5326424-\$ or US-6392257-\$ or US-5326424-\$ or US-6150672-\$ or US-5326424-\$ or US-6150672-\$ or US-5326424-\$ or US-6150672-\$ or US-5326424-\$ or US-6194744-\$ or US-604082-\$).did. or (US-20020038892-\$ or US-612551-\$ or US-6194744-\$ or US-6064082-\$).did. or (US-20020038892-\$ or US-20020033246-\$ or US-6194744-\$ or US-6064082-\$).did. or (US-2002003892-\$ or US-612551-\$ or US-612551-\$ or US-612551-\$ or US-612551-\$ or US-61264082-\$).did. or (US-2002003892-\$ or US-612650-\$ or US-61260004-\$ or US-6104033294-\$ or US-6104046-\$ or JF-2000332294-\$ or JF-10242569-\$, or JF-10242514-\$ or JF-10242569-\$ or JF-200004046-\$ or JF-2000332294-\$ or JF-200004046-\$ or JF-2000332294-\$ or JF-200004046-\$ or JF-2000332294-\$ or JF-200004046-\$ or JF-2000332294-\$ or JF-200004046-\$ or JF-2000332294-\$ or JF-200004046-\$ or JF-2000188260-\$ or US-395392-\$).did.) and (amorphous or crystalline or crystal) nearl2 (boron adj phosphide or bp or buffer or current-blocking or current-blocking or current-blocking or current-blocking or current-blocking or current-blocking or current-blocking or current-blocking or current-blocking or current-blocking or current-blocking or cur	US-6069021-\$ or US-6316793-\$ or US-619072-\$ or US-5012551-\$ or US-5029467-\$ or US-5012551-\$ or US-5029467-\$ or US-5042043-\$ or US-200200030246-\$ or US-20020000563-\$, id.d. or (UF-104592-\$ or UF-10242514-\$ or UF-10242514-\$ or UF-10242514-\$ or UF-10242514-\$ or UF-10242514-\$ or UF-200200004046-\$ or UF-20000004046-\$ or UF-200000000503-\$, id.d. or (UF-200000000503-\$), id.d. or (UF-2000000000503-\$), id.d. or (UF-200000000503-\$),  id.d. or (UF-2000000000503-\$), id.d. or (UF-200000000000503-\$), id.d. or (UF-2000000000000000000000000000000000000

	254		Luanam.	T0003704715 12-47
-	234	mixed adj crystal near6 (single-crystal or single adj crystal or monocrystal)	USPAT; US-PGPUB;	2003/04/15 17:47
		single adj crystal of monocrystal)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	145	11	USPĀT;	2003/04/15 17:47
		single adj crystal or monocrystal)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	0.7	mixed adj crystal near3 (single-crystal or	IBM_TDB	2003/04/15 17:47
	87	single adj crystal or	USPAT; US-PGPUB;	2003/04/13 17:47
		monocrystal).ti,ab,clm.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	"GaN.sub.0.97Psub.0.03"	USPAT;	2003/04/16 09:55
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_		"Ga N.sub.0.97 P.sub.0.03"	USPAT;	2003/04/16 09:56
		od Wisdord Friedrick	US-PGPUB;	2003/04/10 03:30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	"Ga N.sub."\$6 near2 "P.sub."\$6	USPAT;	2003/04/16 09:58
			US-PGPUB; EPO; JPO;	
	j		DERWENT;	
			IBM TDB	
_	7	"Ga N.sub."	USPAT;	2003/04/16 09:58
	ĺ		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	0	HCaN aub H	IBM_TDB	2002/04/16 20-50
-		"GaN.sub."	USPAT; US-PGPUB;	2003/04/16 09:59
			EPO; JPO;	
	}		DERWENT;	
			IBM TDB	
-	94	"GaN.sub"\$6	USPĀT;	2003/04/16 10:00
			US-PGPUB;	
			EPO; JPO;	ļ ,
			DERWENT;	
_	12	"GaN.sub"\$6 and (BP or boron adj	IBM_TDB USPAT;	2003/04/16 10:01
		phosphide)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
]	_		IBM_TDB	
-	0	"GaP.sub"\$6 near20 (BP or boron adj	USPAT;	2003/04/16 10:01
		phosphide)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	4	"Gan.sub"\$6 near20 (BP or boron adj	USPAT;	2003/04/16 10:04
		phosphide)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	2	   "GaN.sub"\$6 near20 buffer and (BP or boron	IBM_TDB USPAT;	2003/04/16 10:05
	~	adj phosphide)	US-PGPUB;	2003/04/10 10:03
		and birochiraci	EPO; JPO;	
]	, ,		DERWENT;	
			IBM_TDB	
] -	1024	mixed adj crystal.ti.	USPĀT;	2003/04/16 10:06
			US-PGPUB;	
			EPO; JPO;	
	l		DERWENT; IBM TDB	
			1011 1DD	

-	103	mixed adj crystal.ti. and (single-crystal	USPAT;	2003/04/16 11:27
		or single adj crystal or	US-PGPUB;	
	1	single-crystalline or single adj crystalline or monocrystal or	EPO; JPO; DERWENT;	]
		monocrystalline)	IBM TDB	
_	2	lattice adj match\$3 near20 (boron adj	USPAT;	2003/04/16 11:28
		phosphide or BP) near20 (gallium adj	US-PGPUB;	2000,01,10 11:20
		nitride or GaN)	EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
-	2	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/04/16 11:36
		near20 (boron adj phosphide or BP) near20	US-PGPUB;	
	l	(gallium adj nitride or GaN)	EPO; JPO; DERWENT;	
			IBM TDB	
_	86	(gan or gallium adj nitride) near20 (boron	USPAT;	2003/04/16 11:37
		adj phosphide or bp)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	13		USPAT;	2003/04/16 12:35
		adj phosphide or bp) near20 buffer	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	173	(gan or gallium adj nitride) near20	USPAT;	2003/04/16 13:39
		lattice adj constant	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1.7	(	IBM TDB	2002/04/16 12:40
ļ <sup>-</sup>	11	(gan or gallium adj nitride) near20 buffer   adj layer near20 (boron adj phosphide or	USPAT; US-PGPUB;	2003/04/16 13:40
		bp)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	5	(single-crystal or single adj crystal or	USPĀT;	2003/04/16 13:47
		monocrystalline) near20 (gan or gallium	US-PGPUB;	
		adj nitride) near20 buffer adj layer	EPO; JPO;	
		near20 (boron adj phosphide or bp)	DERWENT; IBM TDB	]
_	556	(vapor adj phase adj growth or CVD) near3	USPAT;	2003/04/16 13:56
		(single-crystal or single adj crystal or	US-PGPUB;	
		monocrystal)	EPO; JPO;	)
			DERWENT;	
]	100		IBM_TDB	0000/04/16 14 55
-	192	(vapor adj phase adj growth or CVD) near3 (single-crystal or single adj crystal or	USPAT;	2003/04/16 14:37
]		monocrystal).ti,ab.	US-PGPUB; EPO; JPO;	
			DERWENT;	
}			IBM TDB	
-	1	increase near12 lattice adj parameter	USPĀT;	2003/04/16 15:52
		near12 (phosphorous or phosphorus)	US-PGPUB;	
1			EPO; JPO;	
			DERWENT; IBM TDB	
1-	2	("5042043").PN.	USPAT;	2003/04/16 15:52
(			US-PGPUB;	2000,01,10 10.02
			EPO; JPO;	
			DERWENT;	
j (		(# 50 50 004 #) - TV	IBM_TDB	
-	2	("6069021").PN.	USPAT;	2003/10/22 19:01
			US-PGPUB; EPO; JPO;	
Į l			DERWENT;	
]			IBM TDB	
	2	("6069021").PN.	USPAT;	2003/10/23 19:10
			US-PGPUB;	
1			EPO; JPO;	)
			DERWENT;	
L			IBM TDB	

_	0	((latticeadjmatchinglatticeadjmismatch)and2	USPATCLS.2 US-PGPUB; EPO; JPO; DERWENT; IBM TDB	52003710¢23.29778\$1	l.cc
-	359	(lattice adj matching lattice adj mismatch) and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/100.ccls. 257/102.ccls. 257/103.ccls.)	USPĀT	2003/10/23 19:13	
-	20	(lattice adj matching lattice adj mismatch).ti,ab,clm. and group adj III and (257/79.ccls. 257/8\$1.ccls. 257/100.ccls. 257/101.ccls. 257/102.ccls. 257/103.ccls.)	USPAT	2003/10/23 19:13	